

**REMARKS**

In an Office Action dated April 20, 2007 (hereinafter the “Office Action”), claims 1, 5, 7, 8, 10, 22 were rejected under 35 U.S.C. 112 second paragraph as being indefinite. In response, Applicant has made the necessary corrections to make the claims definite.

In the Office Action, claims 1-3, 7, 8, 10,-17, 20-26, 33 were rejected under 35 USC 112. In particular, support or description was requested. In particular there was a question as to whether three electrodes are provided for in the specification. Applicant points out that paragraph 15 describes a channel surrounded by a second and a third electrode. Claim 16 describes the first electrode that controls switching (as described in paragraph 14, this is the gate electrode). Paragraph 17 describes vias etched into the encapsulation layer to connect the TFT layer with the media layer deposited over the TFT layer; as it is described that the voltage output of the transistor switches the media it is clear that the media is connected to the drain of the TFT layer.

In the Office Action, claims 1-5, 7, 8, 10-17, 20-26 are rejected under 35 US 103(a) as being unpatentable over Kawase in view of admitted prior art and Moser. In response, Applicant has amended claim 1 to claim a spiral shaped channel similar to that shown in Figure 8. Applicant respectfully submits that none of the prior art references disclose or suggest a spiral shaped channel.

In addition, Applicant has amended claim 4 and 5 to further describe the spiral having four or six sequential bends oriented in the same direction.

In view of the preceding amendments and remarks, Applicant respectfully submits that all the case is in condition for allowance. Applicant respectfully requests allowance at the Examiner’s earliest convenience.

No additional fee is believed to be required for this amendment. However, the undersigned Xerox Corporation Attorney hereby authorizes the charging of any necessary fees, other than the issue fee, to Xerox Corporation Deposit Account No. 24-0025. This also constitutes a request for any needed extension of time and authorization to charge all fees therefor to Xerox Corporation Deposit Account No. 24-0025.

In the event that the Examiner believes a teleconference would facilitate prosecution, Applicant respectfully requests that Examiner contact the undersigned at (714) 565-1158.

Respectfully submitted,

/Kent M. Chen, Reg. #39,630/  
Kent M. Chen